



FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office List of Documents Cited by Applicant				Attorney Docket No.:	Serial No.:		
				LU05004USU (Akkerman 1-51)	10/701,183		
				Applicant(s): Akkerman et al.			
				Filing Date: November 4, 2003	Group: 2813		
U.S. PATENT DOCUMENTS							
Examiner Initials	No.	Document Number	Date	Name	Class	Subclass	Filing date if Appropriate
FOREIGN PATENT DOCUMENTS							
Examiner Initials	No.	Document Number	Date	Name of Patentee or Applicant	Country	Translation Yes No	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Examiner Initials	No.	Full Information Of Document					
TW	01	Smith et al., U.S. Patent Application Publication No. 2003/0175551A1, entitled "Surface Modified Organic Thin Film Transistors", published on 9/18/2003.					
TW	02	Qin, Dong et al., "Fabrication of Ordered Two-Dimensional Arrays of Micro- and Nanoparticles Using Patterned Self-Assembled Monolayers as Templates", <i>Adv. Mater.</i> , Vol. 11, No. 17, pp. 1433-1437 (1999).					

EXAMINER T. Lane DATE CONSIDERED 8/5/05

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PTO/SB/08a (08-03)

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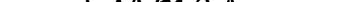
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Substitute for form 1449A/PTO				Complete If Known	
				Application Number	10/701,183
				Filing Date	November 4, 2003
				First Named Inventor	Akkerman et al.
				Art Unit	2871
				Examiner Name	
Sheet	1	of	5	Attorney Docket Number	100.2498

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (If known)			
TA	1	US- 5,192,580	03/09/1993	Blanchet-Fincher	
	2	US- 5,288,528	02/22/1994	Blanchet-Fincher	
	3	US- 5,347,144	09/13/1994	Garnier et al.	
	4	US- 5,523,192	06/04/1896	Blanchet-Fincher	
	5	US- 5,563,019	10/08/1896	Blanchet-Fincher	
	6	US- 5,625,199	04/29/1997	Baumbach et al.	
	7	US- 5,788,819	06/16/1998	Blanchet-Fincher	
	8	US- 5,840,463	11/24/1998	Blanchet-Fincher	
	9	US- 5,981,970	11/09/1999	Dimitrakopoulos et al.	
	10	US- 6,051,318	04/18/2000	Kwon	
	11	US- 6,143,451	11/07/2000	Blanchet-Fincher	
	12	US- 6,146,792	11/14/2000	Blanchet-Fincher et al.	
	13	US- 6,174,651	01/16/2001	Thakur	
	14	US- 6,265,243	07/24/2001	Katz et al.	
	15	US- 6,352,811	03/05/2002	Patel et al.	
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	17	US- 6,403,397	06/11/2002	Katz	
	18	US- 6,551,717	04/22/2003	Katz et al.	
	19	US- 2002/0149315 A1	10/17/2002	Blanchet-Fincher	
TN	20	US- 10/256,885	09/27/2002	Bao et al.	

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	8/15/05
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Sheet	2	of	5	Attorney Docket Number	100.2498

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Sheet

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of

5

Complete if Known*Application Number* 10/701,183*Filing Date* November 4, 2003*First Named Inventor* Akkerman et al.*Art Unit* 2871*Examiner Name*

Attorney Docket Number 100.2498

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
<i>TW</i>	29	AFZALI ET AL., High-Performance, Solution-Processed Organic Thin Film Transistors from a Novel Pentacene Precursor, J. Am. Chem. Soc., 2002, Page(s) 8812-8813, Volume 124		
	30	AFZALI ET AL., Synthesis and Application of Pentacene Precursor in OTFT, Publisher: IBM Research Division, Published in: Yorktown Heights, NY		
	31	AIZENBERG ET AL., Control of Crystal Nucleation by Patterned Self-Assembled Monolayers, Nature, April 8, 1999, Page(s) 495-498, Volume 398		
	32	AIZENBERG ET AL., Oriented Growth of Calcite Controlled by Self-Assembled Monolayers of Functionalized Alkanethiols Supported on Gold and Silver, J. Am. Chem. Soc., 1999, Page(s) 4500-4509, Volume 121		
	33	AKIMICHI ET AL., Field-Effect Transistors Using Alkyl Substituted Oligothiophenes, Appl. Phys. Lett., 1991, Page(s) 1500-1502, Volume 58, Number 14		
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	35	CAI ET AL., Self Assembly in Ultrahigh Vacuum: Growth of Organic Thin Films with a Stable In-Plane Directional Order, J. Am. Chem. Soc., 1998, Page(s) 8563-8564, Volume 120		
	36	COLLET ET AL., High Anisotropic Conductivity in Organic Insulator/Semiconductor Monolayer Heterostructure, Applied Physics Letters, 3/6/2000, Page(s) 1339-1341, Volume 76, Number 10, Publisher: American Institute of Physics		
	37	COLLET ET AL., Low-Voltage, 30 nm Channel Length, Organic Transistors with a Self-Assembled Monolayer as Gate Insulating Films, Applied Physics Letters, April 3, 2000, Page(s) 1941-1943, Volume 76, Number 14		
	38	COLLET ET AL., Nano-field Effect Transistor with an Organic Self-Assembled Monolayer as Gate Insulator, Applied Physics Letters, November 2, 1998, Page(s) 2681-2683, Volume 73, Number 18		
	39	DE BOER ET AL., Synthesis and Characterization of Conjugated Mono- and Dithiol Oligomers and Characterization of Their Self-Assembled Monolayers, Langmuir, 2003, Page(s) 4272-4284, Volume 19		
<i>TW</i>	40	ECHAVARREN ET AL., J. Am. Chem. Soc., 1987, Page(s) 5478-5486, Volume 109		

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NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
TV	41	FORREST, Ultrathin Organic Films Grown by Organic Molecular Beam Deposition and Related Techniques, Chem. Rev., Page(s) 1793-1896, Volume 97, Publisher: American Chemical Society				
	42	HALIK ET AL., High-Mobility Organic Thin-Film Transistors Based on a, a'-didecyloligothiophenes, Journal of Applied Physics, March 1, 2003, Page(s) 2977-2981, Volume 93, Number 5				
	43	HAN ET AL., Effect of Magnesium Ions on Oriented Growth of Calcite on Carboxylic Acid Functionalized Self-Assembled Monolayer, J. Am. Chem. Soc., 2003, Page(s) 4032-4033, Volume 125				
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	45	HONG ET AL., Thiophene-Phenylene and Thiophene-Thiazole Oligomeric Semiconductors with High Field-Effect Transistor On/Off Ratios, Chem. Mater., 2001, Page(s) 4686-4691, Volume 13, Number 12				
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	48	KLAUK ET AL., High-Mobility Polymer Gate Dielectric Pentacene Thin Film Transistors, Journal of Applied Physics, November 1, 2002, Page(s) 5259-5263, Volume 92, Number 9				
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	52	MEYER ZU HERINGDORF ET AL., Growth Dynamics of Pentacene Thin Films, Nature, August 2, 2001, Page(s) 517-520, Volume 412				
	53	MUSHRUSH ET AL., Easily Processable Phenylene-Thiophene-Based Organic Field-Effect Transistors and Solution-Fabricated Nonvolatile Transistor Memory Elements, J. Am. Chem. Soc., 2003, Page(s) 9414-9423, Volume 125, Number 31				

Examiner Signature	<i>Chair</i>	Date Considered	8/5/05
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